

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions of claims in the application.

Claims 1-34 (cancelled)

35 (new): Nozzle arrangement for releasing a treatment fluid,
with a longitudinal housing (2) with at least one fluid feed opening for feeding the treatment fluid and at least one fluid delivery opening (8) formed in the housing (2) for releasing the treatment fluid,

whereby in the housing (2) a fluid channel (5) is formed for feeding the treatment fluid from the fluid feed opening to the at least one fluid delivery opening (8), and
whereby the section of the fluid channel (5) reduces from the fluid feed opening in the longitudinal direction of the housing (2),

wherein

the housing (2) is made from plastic, and at or in the nozzle arrangement at least one stiffening member (4) made from metal and extending in the longitudinal direction of the nozzle arrangement is provided, and

in the nozzle arrangement a longitudinal insert (3, 3'), in which a plurality of distribution openings (7) spaced from one another in the longitudinal direction is formed, is arranged so that the fluid channel (5) defined by the insert (3, 3') is in communication with the at least one fluid delivery opening (8) via the distribution openings (7), in order to feed the treatment fluid from the fluid channel (5) via the distribution openings (7) to the at least one fluid delivery opening (8).

36 (new): Nozzle arrangement according to claim 35,

wherein

the section of the fluid channel (5) reduces continuously from the fluid feed opening in the longitudinal direction of the housing (2).

37(new): Nozzle arrangement according to claim 35,

wherein

the distribution openings (7) of the insert (3, 3') are positioned congruent to the fluid delivery openings (8) in the housing (2).

38 (new): Nozzle arrangement according to claim 35,

wherein

the section of the fluid channel (5) reduces from the fluid feed opening in the longitudinal direction of the housing (2) from a number of sides.

39 (new): Nozzle arrangement according to claim 35,

wherein

all the distribution openings (7) have the same diameter.

40 (new): Nozzle arrangement according to claim 35,

wherein

the length of the distribution openings (7) increases from the fluid feed opening in the longitudinal direction of the housing (2).

41 (new): Nozzle arrangement according to claim 35,

wherein

the length of the distribution openings (7) of the fluid feed opening in the longitudinal direction of the housing (2) is the same.

42 (new): Nozzle arrangement according to claim 35,

wherein

the distribution openings (7) have a differing diameter.

43 (new): Nozzle arrangement according to claim 42,

wherein

the diameter of the distribution openings (7) reduces from the fluid feed opening in the longitudinal direction of the housing (2).

44 (new): Nozzle arrangement according to claim 35,
wherein
the distribution openings (7) are provided with countersinkings (9) on their side
turned towards the fluid channel (5).

45 (new): Nozzle arrangement according to claim 45,
wherein
the countersinkings (9) of the distribution openings (7) have a different depth.

46 (new): Nozzle arrangement according to claim 45,
wherein
the depth of the countersinkings (9) of the distribution openings (7) increases
from the fluid feed opening in the longitudinal direction of the housing (2).

47 (new): Nozzle arrangement according to claim 35,
wherein
the housing (2) is essentially parallelepiped in shape and the stiffening member
(4) is essentially U-shaped.

48 (new): Nozzle arrangement according to claim 35,
wherein
between the at least one fluid delivery opening (8) and the fluid channel (5) and
immediately before the at least one fluid delivery opening (8) a storage chamber (6) is
formed for pressure distribution.

49 (new): Nozzle arrangement according to claim 48,
wherein
the storage chamber (6) is in the form of a recess provided in the longitudinal
insert (3, 3') on the side of the distribution openings (7) turned towards the at least one
fluid delivery opening (8).

50 (new): Nozzle arrangement according to claim 49,
wherein

all distribution openings (7) are arranged spatially at an offset to the at least one fluid delivery opening (8) in such a way that the treatment fluid flows out of the fluid delivery openings (8) via the storage chamber only after at least two changes in direction.

51 (new): Nozzle arrangement according to claim 35,
wherein

the at least one fluid feed opening is provided at a longitudinal end of the housing (2).

52 (new): Nozzle arrangement according to claim 35,
wherein

the at least one fluid feed opening is provided at a middle section of the housing (2).

53 (new): Nozzle arrangement according to claim 35,
wherein

the housing (2) has a plurality of fluid delivery openings (8) spaced from one another in the longitudinal direction of the housing (2).

54 (new): Nozzle arrangement according to claim 53,
wherein

the fluid delivery openings (8) are slotted or round.

55 (new): Nozzle arrangement according to claim 53,
wherein

the fluid delivery openings (8) have the same dimensions.

56 (new): Nozzle arrangement according to claim 53,
wherein
the fluid delivery openings (8) have a reducing width from the fluid feed opening over the length of the housing (2) or a reducing diameter over the length of the housing (2).

57 (new): Nozzle arrangement according to claim 53,
wherein
the slotted fluid delivery openings (8) are formed in a plurality of rows offset from one another in the housing (2).

58 (new): Nozzle arrangement according to claim 35,
wherein
in the housing (2) a plurality of connecting channels spaced from one another and extending widthways in the housing (2) are formed in the longitudinal direction of the housing (2), which communicate at one end with the fluid channel (5) in the housing (2) and at the other with the at least one fluid delivery opening (8).

59 (new): Nozzle arrangement according to claim 58,
wherein
the connecting channels are formed in a cover (11) which is positioned on the housing (2).

60 (new): Nozzle arrangement according to claim 59,
wherein
the cover (11) is positioned with a fluid-tight seal at the housing (2).

61 (new): Nozzle arrangement according to claim 58,
wherein
the connecting channels are arranged evenly spaced in the longitudinal direction of the housing (2).

62 (new): Nozzle arrangement according to claim 58,
wherein
the connecting channels are distributed essentially over the entire length of the
housing (2).

63 (new): Nozzle arrangement according to claim 58,
wherein
each connecting channel extends essentially in a straight line transversely to the
longitudinal direction of the housing (2).

64 (new): Nozzle arrangement according to claim 58,
wherein
each connecting channel opens out into one of the fluid delivery openings (8) at
either side of the housing (2).

65 (new): Nozzle arrangement according to claim 58,
wherein
a further longitudinal insert (3), which is conical in its
longitudinal direction, is arranged in the housing (2) and
defines together with the longitudinal insert (3') having the
distribution openings (7) the fluid channel (5).